

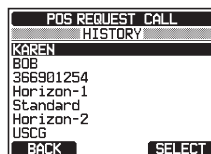
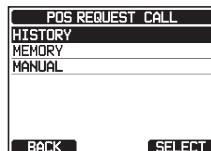
3. Press the **[ENTER]** soft key to store the selected setting.
4. Press the **CLEAR** key to return to radio operation.

10.6.2 Transmitting a Position Request to Another Vessel

Position Request using the Individual/Position Directory

Refer to section “**10.4 INDIVIDUAL CALL**” to enter information into the individual directory.

1. **[MENU]** $\Rightarrow$ “**DSC CALL**” $\Rightarrow$ “**POS REQUEST CALL**”
2. Rotate the **DIAL/ENT** knob to select “**HISTORY**” or “**MEMORY**”, then press the **[SELECT]** soft key.
3. Rotate the **DIAL/ENT** knob to select a name that was stored in the individual/position directory.
4. Press the **[SELECT]** soft key, then press the **[YES]** soft key to transmit the position request DSC call.
5. When the **GX6000** receives the position from the polled vessel it is shown on the radio display.
6. Press the **[QUIT]** soft key to return to radio operation.



NOTE

If the **GX6000** does not receive position data from the polled vessel, the display will show “NO POSITION DATA”.

Position Request by Manually Entering an MMSI

This feature allows you to request the position of a vessel by manually entering the MMSI.

1. **[MENU]** $\Rightarrow$ “**DSC CALL**” $\Rightarrow$ “**POS REQUEST CALL**”

2. Rotate the **DIAL/ENT** knob to select “**MANUAL**”, then press the **[SELECT]** soft key.

3. Rotate the **DIAL/ENT** knob to select the first number of the MMSI (nine digits) which you want to contact, then press the **[SELECT]** soft key to step to the next number.

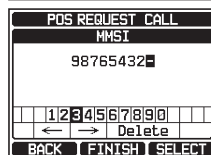
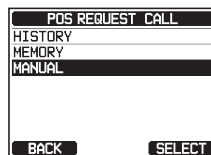
4. Repeat step 3 to set the MMSI number.
If a mistake was made entering in the MMSI number, rotate the **DIAL/ENT** knob to select “←” or “→”, press the **[SELECT]** soft key until the wrong character is selected, then perform step 3.

5. When finished entering the MMSI number, press the **[FINISH]** soft key.

6. Press the **[YES]** soft key to transmit the position request DSC call.

7. When the **GX6000** receives the position from the polled vessel it is shown on the radio display.

8. Press the **[QUIT]** soft key to return to radio operation.



NOTE

The received position from the polled vessel can be transferred to a GPS chart plotter via NMEA DSC and DSE sentences.

10.6.3 Receiving a Position Request

1. When a position request call is received from another vessel, a ringing sound will be produced, and the display will be as shown in the illustration at the right.

2. Press any key to stop the alarm.

3. To send your vessel's position to the requesting vessel, press the **[REPLY]** soft key.
Or to exit from position request display, press the **[QUIT]** soft key.



- Press the **[QUIT]** soft key to return to the channel display.



NOTE

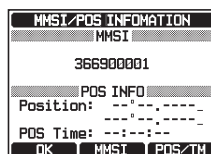
When there is an unread position request call, "✉" icon will appear on the display. You may review the unread individual call from the DSC log, refer to the section "**10.11.3 Reviewing Other Logged Calls**".

10.6.4 Manual Input of Position Information

If the **GX6000** is located in an area where GPS reception is limited when you are going to reply to the received position request, you may manually input your location (latitude and longitude) and time to be sent.

- [MENU]** → "MMSI/POS INFO"

- Press the **[POS/TM]** soft key.



- Rotate the **DIAL/ENT** knob to select the first number of latitude, then press the **[SELECT]** soft key to step to the next number.

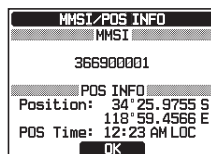
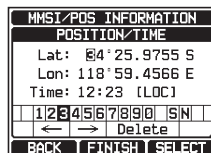
- Repeat step 3 to set the position and time.

If a mistake was made, rotate the **DIAL/ENT** knob to select "←" or "→", press the **[SELECT]** soft key until the wrong character is selected, then perform step 3.

- When finished programming the position and time, press the **[FINISH]** soft key. The display will return to the previous screen.

- Press the **[OK]** soft key.

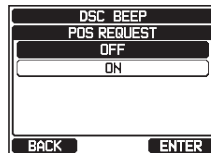
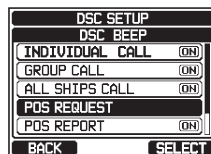
- Press the **CLEAR** key to return to radio operation.



10.6.5 Setting up a Position Request Ringer

The **GX6000** has the capability to turn off the position request ringer.

1.  → “**SETUP**” → “**DSC SETUP**” → “**DSC BEEP**”
2. Rotate the **DIAL/ENT** knob to select “**POS REQUEST**”, then press the **[SELECT]** soft key.
3. Rotate the **DIAL/ENT** knob to select “**OFF**”.
4. Press the **[ENTER]** soft key to store the selected setting.
5. Press the **CLEAR** key to return to radio operation.



To enable the ringer tone, repeat the above procedure, rotating the **DIAL/ENT** knob to select “**ON**” in step 3 above.

10.7 POSITION REPORT

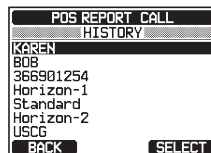
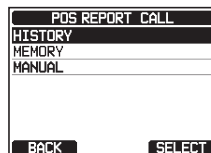
The feature is similar to position request, however instead of requesting a position of another vessel this function allows you to send your position to another vessel.

10.7.1 Transmitting a DSC Position Report Call

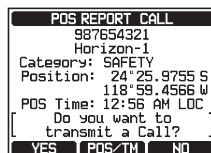
DSC Position Report Call using the Individual/Position Directory

Refer to section “**10.4 INDIVIDUAL CALL**” to enter information into the individual directory.

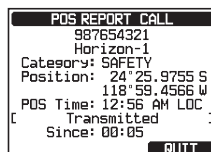
1.  → “**DSC CALL**” → “**POS REPORT CALL**”
2. Rotate the **DIAL/ENT** knob to select “**HISTORY**” or “**MEMORY**”, then press the **[SELECT]** soft key.
3. Rotate the **DIAL/ENT** knob to select the name in the directory, then press the **[SELECT]** soft key.



- If you want to change the position displayed, press the **[POS/TM]** soft key to go to the position information input screen. After inputting new position information, press the **[FINISH]** soft key to confirm.



- Press the **[YES]** soft key to send your position to the selected vessel.
- Press the **[QUIT]** soft key to return to radio operation.

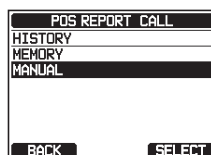


DSC Position Report Call by Manually Entering an MMSI

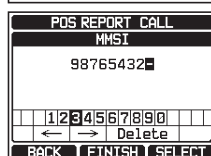
This feature allows you to send your position to another vessel by manually entering the MMSI of the ship you want to send your position to.

- [MENU]** → “DSC CALL” → “POS REPORT CALL”

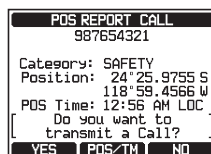
- Rotate the **DIAL/ENT** knob to select “**MANUAL**”, then press the **[SELECT]** soft key.



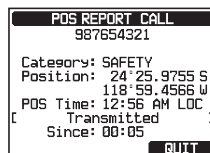
- Rotate the **DIAL/ENT** knob to select the first number of the MMSI which you want to contact, then press the **[SELECT]** soft key to step to the next number.
- Repeat step 3 to set the MMSI number.



- If a mistake was made entering in the MMSI number, rotate the **DIAL/ENT** knob to select “←” or “→”, press the **[SELECT]** soft key until the wrong character is selected, then perform step 3.
- When finished entering the MMSI number, press the **[FINISH]** soft key.
- If you want to change the position displayed, press the **[POS/TM]** soft key to go to the position information input screen. After inputting new position information, press the **[FINISH]** soft key to confirm.
- Press the **[YES]** soft key to send your position to the selected vessel.



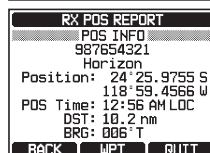
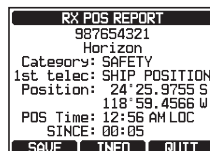
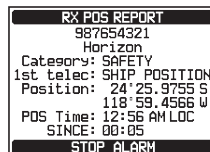
- Press the **[QUIT]** soft key to return to radio operation.



10.7.2 Receiving a DSC Position Report Call

When another vessel transmits their vessels location to the **GX6000** the following will happen:

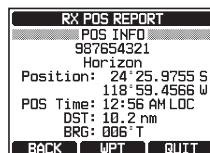
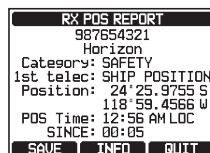
- When a position report call is received from another vessel, a ringing sound will be produced.
- Press any key to stop ringing.
- Press the **[INFO]** soft key to see more detailed position information of the station.
- To exit to radio mode, press the **[QUIT]** soft key.



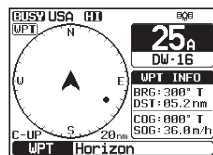
10.7.3 Navigating to the Reported Position

The **GX6000** has a feature that allows you to navigate to a received position report call by using the compass display. Navigating to the position of a position report call may be enabled by the procedure below.

- After the position report call has been received, press the **[INFO]** soft key.
- Press the **[WPT]** soft key.

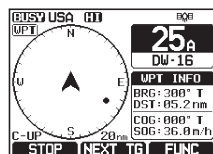


3. The display indicates the distance and direction of the received vessel, and the compass displays the received vessel with a dot (●).



Stopping Navigation to the Reported Position

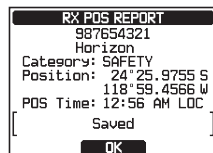
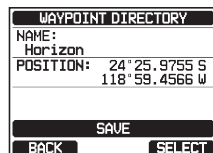
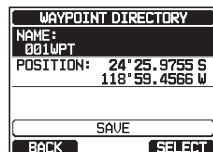
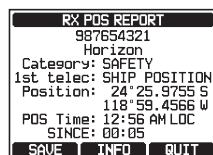
1. Press one of the soft keys to show the key selections.
2. Press the **[STOP]** soft key. The radio will stop navigating to the waypoint and the normal VHF display will be shown.



10.7.4 Saving the Reported Position as a Waypoint

The **GX6000** can save a position report call in the radio's memory as a waypoint.

1. After the position report call has been received, press the **[SAVE]** soft key.
2. If you want to change the name of the waypoint, rotate the **DIAL/ENT** knob to select "**NAME**", then press the **[SELECT]** soft key.
3. Enter the name of the waypoint you want to reference in the directory. For details, refer to "**10.4.1 Setting up the Individual / Position Call Directory**".
4. Rotate the **DIAL/ENT** knob to select "**SAVE**", then press the **[SELECT]** soft key to save the waypoint into memory.
5. Press the **[OK]** soft key to return to the position report display.



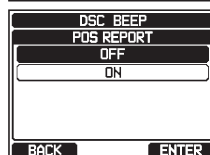
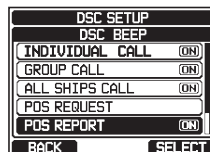
Navigating to a Saved Waypoint

Refer to section “11.1.1 Starting and Stopping Navigation” for details.

10.7.5 Setting up a Position Report Ringer

The **GX6000** has the capability to turn off the position report ringer.

1.  ➡ “**SETUP**” ➡ “**DSC SETUP**” ➡ “**DSC BEEP**”
2. Rotate the **DIAL/ENT** knob to select “**POS REPORT**”, then press the **[SELECT]** soft key.
3. Rotate the **DIAL/ENT** knob to select “**OFF**”.
4. Press the **[ENTER]** soft key to store the selected setting.
5. Press the **CLEAR** key to return to radio operation.



To re-enable the ringer tone, repeat the above procedure, rotating the **DIAL/ENT** knob to select “**ON**” in the step 3 above.

10.8 POLLING CALL

The **GX6000** has the capability to track another vessel.

10.8.1 Transmitting a Polling Call to a Vessel

Polling Call using the Individual/Position Call Directory

1.  ➡ “**DSC CALL**” ➡ “**POLLING CALL**”
2. Rotate the **DIAL/ENT** knob to select “**HISTORY**” or “**MEMORY**”, then press the **[SELECT]** soft key.
3. Rotate the **DIAL/ENT** knob to select a name that was stored in the individual/position call directory, then press the **[SELECT]** soft key.

